

NECHIPORENKO, Ye.P.; KRIVORUCHKO, V.M.; VERKHOROBIN, L.F.; MITROFANOV, A.S.;  
POLTAVTSEV, N.S.

Effect of impurities on the kinetics of vacuum siliconizing  
of molybdenum. Izv. AN SSSR. Neorg. mat. 1 no.12:2212-2218  
D '65. (MIRA 18:12)

1. Fiziko-tehnicheskiy institut AN UkrSSR, Khar'kov.

KALMYKOV, A.A.; TERESHIN, V.I.; PULTAVTSEV, N.S.

Energy spectra of a conical electrode source of plasma.  
Zhur. tekhn. fiz. 34 no.8:1424-1431 Ag '64.

(MIRA 17:9)

L 20217-65 EWT(1)/EWG(k)/EPA(sp)-2/EPF(c)/EPA(w)-2/EEC(t)/T/EEC(b)-2/EWA(m)-2  
P2-6/PO-4/Pab-10/Pr-4/Pi-4 IJP(c) /SSD(b)/AEDC(a)/ASD(a)-5/AFETR/ESD(gs)  
ACCESSION NR: AP4042929 WH/AT S/0057/64/034/008/1424/1431

AUTHOR: Kalmykov, A.A.; Tereshin, V.I.; Poltavtsev, N.S.

TITLE: Investigation of the energy spectra of a conical electrode plasma source

SOURCE: Zhurnal tehnicheskoy fiziki, v.34, no.8, 1964, 1424-1431

TOPIC TAGS: plasma source, particle spectrum, energy distribution, mass spectrometry, hydrogen plasma

ABSTRACT: Whereas the usual investigations of plasma bursts from different pulsed sources yield information only on the macroscopic characteristics, i.e., the values of the various parameters averaged over the volume of the burst, it is also of interest to determine the microstructure, that is, the energy distribution of ions of different mass in small parts of the burst. This was the aim of the present investigation. The experimental setup is shown in Fig. 1 of the Enclosure. The measurements were performed by means of the transit type mass-spectrometer developed by the authors (A.A.Kalmykov, A.D.Timofeyev, Yu.I.Pankrat'yev and V.I.Tereshin, PTE, 5, 142, 1963). The source was a conical electrode plasma source with a spiral return conductor and pulsed (intermittent) admission of gas. The data obtained pertain to

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ACCESSION NR: AP4042929

two different operating conditions of the source, determined by the lag time between the initiation of the discharge and the beginning of admission of the gas (0.05 to 1.0 cm<sup>3</sup>·atm hydrogen at a pressure of about 4 atm.). The critical lag time is about 200 microsec. Under the conditions obtaining in the case of longer lag times the most probable energy of the protons and impurity ions in the burst does not exceed 30-40 eV; in the case of shorter lag times there is evinced an additional group of high-energy protons, the most probable energy of which is 2.5-3 keV. The results are presented in the form of oscillograms and curves; the latter include the energy spectra of the protons in the bursts. The experimental data are discussed briefly from the standpoint of the time of formation and emergence of the particles from the source. Orig.art.has: 3 formulas and 8 figures.

ASSOCIATION: none

SUBMITTED: 27Nov63

SUB CODE: ME, NP

REF Sov: 002

O  
ENCL: 01

OTHER: 001

Card 2/3

L 20217-65  
ACCESSION NR: AP4042929

ENCLOSURE: 01

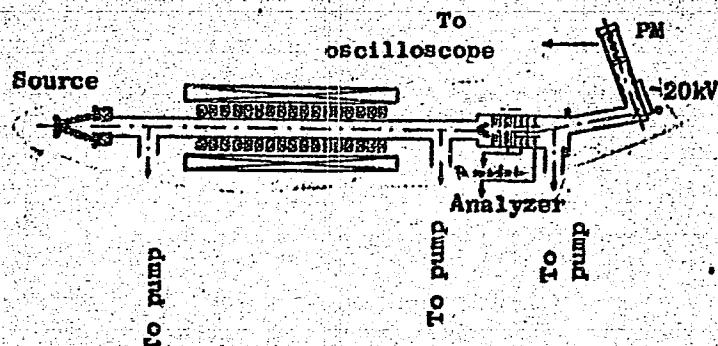


Fig. 1. Diagram of the setup

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L 12058-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG/WB  
ACC NR: AP6001302

SOURCE CODE: UR/0363/65/001/008/1354/1359

AUTHOR: Ivanov, V. Ye.; Nechiporenko, Ye. P.; Zmly, V. I.; Krivoruchko, V. M.;  
Verkhorobin, L. F.; Aleksandrov, O. M.; Mitrofanov, A. S.; Poltavtsev, N. S.

ORG: Physicotechnical Institute, Academy of Sciences UkrSSR (Fiziko-tehnicheskiy  
institut Akademii nauk UkrSSR)

TITLE: Study of the oxidation kinetics of molybdenum disilicide at 1500 - 1800C

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 8, 1965, 1354-1359

TOPIC TAGS: molybdenum compound, silicide, oxidation kinetics, silicon dioxide

ABSTRACT: Molybdenum disilicide samples (prepared by siliciding molybdenum at 1250, 1300, and 1350C) were oxidized for 10 hr at 1500 and 1600C and for 1 hr at 1700 - 1800C. The oxidation is represented as follows: (1)  $5\text{MoSi}_2 + 7\text{O}_2 \rightarrow \text{Mo}_5\text{Si}_3 + 7\text{SiO}_2$ , (2)  $2\text{MoSi}_2 + 7\text{O}_2 \rightarrow 2\text{MoO}_3 + 4\text{SiO}_2$ . X-ray analysis shows that reaction (1) predominates over (2); the latter is of decisive importance at the start, when the  $\text{SiO}_2$  film is formed. The increase in the oxidation rate is related to the orientation of the crystals. The structure of  $\text{MoSi}_2$  may be considered to consist of layers of silicon and molybdenum atoms alternating in the direction of axis c; if it is kept in mind that the bonding forces between like atoms in a layer are weaker than the forces between the layers, the layer orientation parallel to the surface ( $\text{MoSi}_2$ )

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UDC: 546.77'281

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ACC NR: AP6001302

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samples obtained at 1250 and 1300C) will cause a lower oxidation rate than in samples where the layer orientation is perpendicular to the surface (silicides obtained at 1350C). It is concluded that the oxidation rate of MoSi<sub>2</sub> is affected by many factors, but it has not been possible to determine which is the most important one. Orig. art. has: 2 figures.

SUB CODE: 07, 11 / SUBM DATE: 24 May 85 / ORIG REF: 006 / OTH REF: 007

OC

Card 2/2

L 9447-66 EWP(a)/EWI(m)/ETC/EPF(n)-2/EWG(m)/EWP(t)/EWP(k)/EWP(z)/EWP(b) IJP(c) /  
ACC NR: AP6001239 JD/JG/WB SOURCE CODE: UR/0363/65/001/012/2212/2218

AUTHOR: Ivanov, V. Ye.; Nechiporenko, Ye. P.; Krivoruchko, V. M.; Verkhorobin, L. F.;  
Mitrofanov, A. S.; Poltavtsev, N. S.

ORG: Physicotechnical Institute, Academy of Sciences UkrSSR, Kharkov (Fiziko-tekh-nicheskiy institut Akademii nauk UkrSSR)

TITLE: Effect of additives on the kinetics of the siliciding of molybdenum in  
vacuum

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 12, 1965.  
2212-2218

TOPIC TAGS: refractory metal, refractory coating, molybdenum, silicon, molybdenum  
disilicide, oxidation resistance

ABSTRACT: Inasmuch as the coating of refractory metals with molybdenum disilicide is known as a prospective method for preventing high-temperature oxidation, the effect of some additives on the growth rate and the structure of the silicide layer on molybdenum was studied. It was noted that properties of the disilicide coating (including brittleness and an inadequate thermal stability) may depend on the preparative method and on the purity of the initial materials. In this study the silicide layer was produced on molybdenum sheet and wire 0.1 and 0.5 mm thick, respectively, in vacuum by heating at 1250°C. Molybdenum of 99.95% purity, 99.999%-pure silicon and commer-

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UDC: 546.281

L 9447-66

ACC NR: AP6001239

9

cial silicones KR-0 and KR-1, 99.0 and 98.0% pure, respectively, were used as initial materials for siliciding cells. The growth rate, structure and phase composition of the coatings obtained were studied by gravimetric, metallographic and x-ray methods. The effect of Al, Fe, Cu, Ti, and B used as additives, and of the residual gas pressure was studied. It was found that the presence of small amounts of Al(1-3%) in powdered silicon causes the formation of a ternary compound  $\text{Mo}(\text{Si}, \text{Al})_2$  with a hexagonal structure, the growth of which is expressed as a linear dependence on time. The presence of the other additives studied, with the exception of Ti, results in a decrease in the growth rate of the  $\text{MoSi}_2$  layer and does not affect its structure. The residual gas pressure does not affect the silicide layer growth, if it is within  $1.10^{-6}$ - $1.10^{-4}$  mm Hg; at  $1.10^{-3}$  mm Hg, the rate slows down 3-4 times; at  $1.10^{-2}$  mm Hg disilicide is not formed at all, and only the  $\text{Mo}_3\text{Si}$  phase is formed. Transition of the dark and opaque hexagonal disilicide into the silvery tetragonal form on prolonged heating was observed. Orig. art. has: 4 figures and 3 tables. [BN]

SUB CODE: 07, 11/ SUBM DATE: 10Apr65/ ORIG REF: 007/ OTH REF: 006/ ATD PRESS:  
4166

Card 2/2110

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

YEFIMENOK, I.O. (Viktor Vasil'evich); KARPOV, N.P. (Karpov); MATYUKHIN, N.N.  
VOLKOV, V.V. (Vladimir Vol'gov); ZHURAV, I.A.; POLIVANOV, M.P.

Urgent! Reprint of the photographic material taken on 20.05.1965.

Urgent! Reprint of the photographic material taken on 20.05.1965.  
Gov. AN FSSR. Mat. n. 03763-267 dated 165. (MIRA 18:3)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

POLOVTSIEV, V.: GOLUBEV, V.

For a wide dissemination of advanced experience. Kinomekhanik no.1:  
1-3 Ja '55.  
(Motion pictures)

POLYAKOV, Nikolay Sergeyevich, prof.; SHTOKMAN, Il'ya Grigor'yevich,  
prof.; KOMAROVA, Yevgeniya Kuz'minichna, dotsent; SPIVAKOVSKIY,  
A.O., prof., retsenzent; ANDREYEV, A.V., dotsent, retsenzent;  
VASIL'YEV, N.V., dotsent, retsenzent; YEVNEVICH, A.V., dotsent,  
retsenzent; LOPATIN, S.I., dotsent, retsenzent; SOLOD, G.I.,  
dotsent, retsenzent; SHAKHMEYSTER, L.G., dotsent, retsenzent;  
SHORIN, V.G., dotsent, retsenzent; SAMOYLYUK, N.D., inzh.,  
retsenzent; KOLOMIYTSEV, A.D., otv.red.; SHKLYAR, S.Ya., tekhn.red.;  
KONDRATYeva, M.A., tekhn.red.  
[Problems and exercises on mine haulage] Sbornik zadach i uprazh-  
nenii po rudnichnomu transportu. Izd.2., dop. i perer. Moskva.  
(MIRA 13:4)  
Ugletekhizdat, 1959. 256 p.

1. Chlen-korrespondent AN USSR (for Polyakov). 2. Chlen-korrespon-  
dent AN SSSR (for Spivakovskiy). 3. Kafedra rudnichnogo transporta  
Moskovskogo gornogo instituta (for Spivakovskiy, Andreyev, Vasil'yev,  
Yevnevich; Lopatin, Solod, Shakhmeyster, Shorin).  
(Mine haulage)

POLTAVTSEV, V.

Moving-Picture Projection

Good motion-picture showings. Kinomekhanik, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

POLTAVTSEV, V.F.

Show concern for young specialists. Vest.sviazi 16 no.7:23-25  
Jl '56. (MIRA 9:9)

I.Nachal'nik Kuybyshevskogo politekhnika svyazi.  
(Telecommunication--Study and teaching)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

GONCHAROV, V.N.; POLTAVTSEV, V.I.

River bed deformations arising from the construction of reservoirs.  
(MLRA 9:8)  
Meteor. i gidrol. no.5:44-50 My '56.  
(Rivers) (Reservoirs)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

POLTAVTSEV, V. I.

"Hydraulic Investigation of Water-Gage Molds." Cand Tech Sci, Leningrad  
Hydrometeorological Inst, Leningrad, 1954. (RZhMekh, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

POLTAVSKAYA, V. I.

3(s) 207/203  
Name: Universitet. Geopisicheskiy fakultet

Voprosy hidrologii (Problemy in Hydrology) (Russian) Izd-vo  
Naukova Dumka, 1977. 231 p. 2,488 copies printed.

Auth. Rnk.: I. V. Solntsev and L. P. Rybinskaya. Profess. Stsck. N.d. H.A.

Comments: This book is intended for hydrologists and geographers.

This is a collection of articles on the hydrology of the  
natural phenomena. Among the topics discussed are: 1) the effect  
of air temperature on the regime of river regimes; 2) the calculation of  
spring floods; 3) the effect of flood waters; 4) stream levels; 5) winter  
floods; 6) unpaired oscillations in running streams; 7) the

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effects of agricultural practices on hydrology, and others. The  
discussions are accompanied by maps, graphs, and other illustrations.  
The book contains 20 articles on long-term hydrology of the basin. References

Table of contents:

Solntsev, V. I. Investigating the Speed of Movement of  
Flood Waters 43  
Chobotsar'ev, R. P. Problem of Geographic Interpolation in  
Hydrology 45  
Solntsev, V. I. Problems in Expanding Hydrological Series 46  
Gerasimov, V. B. and V. I. Polotskaya. River Sed Perform-  
ance in the Region of the Foundations on Mountain Streams 69  
Trusov, K. V. Characteristics of Stream Level Status Regime 79  
Rybin, P. Z. Maximum Flooding as Related to Snow Melting 80

Card 3/6

SOV/124-58-2-1892

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 54 (USSR)

AUTHOR: Poltavtsev, V. I.

TITLE: Problems of the Theory and Design Calculation of Broad-crested Weirs and Measuring Flumes (Voprosy teorii i rascheta vodoslivov s shirokim porogom i vodomernykh lotkov)

PERIODICAL: Tr. Leningr. gidrometeorol. in-ta, 1956, Nr 5-6, pp 34-58

ABSTRACT: Utilizing a theoretical analysis and experimental data, the author proposes an approximate method for the consideration of the effect of the curvature of the flow in the design calculation of broad-crested weirs and measuring flumes. The method is based on an application of the Bernoulli equation extended to the case of the presence of curvature in a jet. The advantages of the method applied by the author, wherein the effects of the curvature and of the hydrostatic pressure

$$\frac{P}{\gamma} = h + k_s \frac{V^2}{2g}$$

Card 1/3. are accounted for separately, are underscored. The method permits

SOV/124-58-2-1892

## Problems of the Theory and Design Calculation of Broad-crested Weirs (cont.)

a quantitative assessment of the effect of the curvature, which is expressed by the coefficient  $k_\sigma$ , and to correlate the latter with other characteristics of the flow and also to delve into the physical substance and structure of the velocity and discharge coefficients. As a result the author obtains the formulas

$$v = \sqrt{\frac{1}{a + \sum \zeta}} \cdot \sqrt{2g(H_o - h_k \pm k_\sigma \frac{v^2}{2g})}$$

$$Q = \phi b h_k \sqrt{2g(H_o - h_k \pm k_\sigma \frac{v^2}{2g})}$$

While the author denotes the difficulty entailed in the use of these formulas in view of the need for determination of the quantities  $\phi$  and  $k_\sigma$ , he considers it possible, for practical purposes, to lump them into a single reduced velocity coefficient  $\phi_\sigma$ . Then

$$v = \sqrt{\frac{1}{a + \sum \zeta \pm k_\sigma}} \cdot \sqrt{2g(H_o - h_k)} \quad \text{and}$$

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SOV/124-58-Z-1892

Problems of the Theory and Design Calculation of Broad-crested Weirs (cont.)

$$Q = \phi_{\sigma} b h_k \sqrt{2g (H_o - h_k)} = m_{\sigma} b \sqrt[3/2]{2g H_o}$$

In conclusion the author examines three methods for the design calculation of broad-crested weirs and measuring flumes: 1) With the direct use in the determination of  $Q$  of the values of  $h_k$  obtained from the analytical characteristics  $h_k=f(H)$ , substantiated by experimental data; 2) with the determination of the value of  $\phi_{\sigma}$  and  $m_{\sigma}$  according to the magnitude of the curvature coefficient  $k_{\sigma}$ ; and 3) with the determination of the values of  $\phi_{\sigma}$  and  $m_{\sigma}$  from test data. Bibliography: 11 references.

A. R. Berezinskiy

Card 3/3

POLTAVTSEV, Yu.P.; LYUBARSKIY, M.R.; ARONOV, Yu.M.; BARINOVA, O.N.,  
red.; TRUSOV, N.S., tekhn. red.

[Manufacturing boehmite roofing] Proizvodstvo bemitnoi krovli.  
Moskva, Gostytyzdat, 1963. 98 p. (MIRA 17:3)

5(3)

AUTHORS:

Topchiyev, A. V., Academician,  
Alaniya, V. P., Foltartseva, I. I.

SOV/20-125-1-27/67

TITLE:

Nitration of Isopentane in the Presence of Carbon Tetrachloride  
(Nitrovaniye izopentana v prisutstvi chetyrekhhloristogo  
ugleroda)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 1, pp 104-105  
(USSR)

ABSTRACT:

The authors aimed at the investigation of the effect of chlorine on the reaction mentioned in the title which may form in the reaction zone in the presence of carbon tetrachloride. First, the reaction of isopentane with the nitric acid used for nitration (1.5 : 1) was investigated in a quartz reactor (Fig 1). From among the fractions isolated by distillation the fraction boiling at more than 95° was subjected to further fractionation under a 50 mm vacuum in a rectification column. Analysis has shown that the mixture obtained contained considerable amounts of nitro-methane, nitro-ethane, nitro-propanes, nitro-butanes, and nitro-pentanes, mainly secondary and tertiary (Figs 2, 3). As may be seen from figure 2, the highest yield of nitro-paraffins (48.5%) forms at 300°. The yield of the fractions

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Nitration of Isopentane in the Presence of  
Carbon Tetrachloride

SCY/20-125-1-27/67

30-45° = 21%. From table 3 it may be seen that the yield of the fractions of nitro-methane, nitro-propanes, and nitro-butanes decrease in the range 175-325° after having passed through an indistinctly marked maximum at 300°. An optimum yield of nitro-pentanes (17% of the reacted isopentane) is obtained at 300°. The nitro-ethane yield decreases from 3.1 to 0.3% at a temperature increase from 175 to 325°. At the optimum temperature determined (300°)  $\text{CCl}_4$  was added. 2% of  $\text{CCl}_4$  have no effect on the yield of nitro-paraffin. Only 10%  $\text{CCl}_4$ , computed with respect to isopentane increase the yield from 48 to 60%. At the same time the yield in nitro-paraffins with a lower molecular weight than that of the initial hydrocarbon increases. Apparently  $\text{CCl}_4$  causes the decomposition of hydrocarbon. There are 3 figures and 3 references, 1 of which is Soviet.

SUBMITTED: December 20, 1958

Card 2/2

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TOPCHILEV, A.V., akademik; ALANIYA, V.P.; POLTAVTSEVA, L.I.

Nitration of isopentane in the presence of carbon tetrachloride.  
(MIRA 12:4)  
Dokl.AN SSSR 125 no.1:10<sup>4</sup>-105 Mr-Apr '59.  
(Nitration)  
(Isopentane)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

YOLTAVTSEVA, T. E.

33369. Pchely V Bumazhnykh Ul'yakh. Pchelovedstvo, 1949, No. 10, c. 16-18.

So. Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

POLTAVTSEVA, T.S.

137-1958-1-116

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 18 (USSR)

AUTHOR: Poltavtseva, T. S.

TITLE: Washer Operating Experience in 1956 (Iz opyta raboty  
promyvochnykh priborov v 1956 godu)

PERIODICAL: Kolyma, 1957, Nr 4, pp 4-8

ABSTRACT: An analysis of the MPD-2, MPD-3, MPD-4, MPD-5 and  
MPD-6 washers is given. Experience has shown the MPD-3  
and MPD-5 to be the most advanced machines, as they trap  
both fine gold and nuggets with satisfactory efficiency.

A. Sh.

1. Gold ore washers--Operation    2. Gold ores--Processing  
--Equipment

Card 1/1

Poltavtseva, T.S.

137-1958-1-111

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 17 (USSR)

AUTHOR: Poltavtseva, T.S.

TITLE: Let us Use Our Experience in Schlich Concentration in the Coming Washing Season (Ispol'zovat' opyt shlikhoobogashcheniya v novom promyvochnom sezone)

PERIODICAL: Kolyma, 1957, Nr 5, pp 20-22

ABSTRACT: Concentration practices at the Dal'stroy placer gold fields in 1956 are described.

A. Sh.

1. Gold ores--Processing
2. Gold ores--Production--Equipment
3. Mines--Operation

Card 1/1

POLTAVTSEVA, T.S.

137-1957-12-23048

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 26 (USSR)

AUTHORS: Sorokin, I. P., Poltavtseva, T. S.

TITLE: On the Operation of Native-Metal Sluice-Pox Traps (O rabote shlyuzovykh samorodkouloviteley)

PERIODICAL: Kolyma, 1955, Nr 12, pp 16-19

ABSTRACT: A presentation of data on the collection of large particles of metal in ore washers of the MPD-4(I) and MPD-5(II) types which were used in the treatment of the sands of a given polygon. In unit I the entire mass of the sand passes first through the short sluice of the native metal separator (OI) and is then subjected to disintegration and sifting. In unit II the sand is first subjected to disintegration and three-stage screening and only then enters the OI. The placement of the sluice OI, in unit I, at the beginning of the process offers considerable advantages in comparison with the OI of the unit II. It has been established that, in the case of sands of large or medium permeability, the OI should be placed at the beginning of the process, while for washing dense clay sands the arrangement of the unit II is more expedient. To

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137-1957-12-23048

On the Operation of Native-Metal Sluice-Box Traps

render the collection of native metal complete, when washing sands containing large particles of native metal, the employment of electrical OI's is the most effective method. It has been concluded that the sluice OI in an ore washer not only collects the large native metal pieces, but also assists in the collection of the small and medium ones.

M. L.

1. Separators-Operation

Card 2/2

POLTAVTSEVA, T. S.

137-1957-12-23046

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 26 (USSR)

AUTHORS: Poltavtseva, T. S. Sorokin, I. P.

TITLE: Some Results of the Operation of Metallic Washing Equipment in 1955 (Nekotoryye itogi raboty metallicheskikh promyvochnykh priborov v 1955 godu)

PERIODICAL: Kolyma, 1956, Nr 3, pp 14-19

ABSTRACT: A summary of the technical characteristics of five MPD type installations for the washing of gravel, employed in the enterprises of Dal'stroy. The peculiarities of the technical arrangement are shown, and the necessity for a concentrate-transporting unit is pointed out, as well as the need for the installation of equipment for continuous or periodic sampling. The results of the investigation of several installations, and productivity indices are given. Methods for their improvement are proposed.

I. M.

1. Metallic washing equipment-Operation

Card 1/1

POLTAWSKA, WANDA

JAKIMOWICZ, Wladyslaw; SPETTOWA, Stanislawa; KIERZKOWSKA-DOBROWOLSKA,  
Janina B.; POLAWSKA, Wanda

Clinical observations on agenesis of the pellucid septum.  
Neur. &c. polska 6 no.6:791-800 Nov-Dec 56.

1. Z Kliniki Neurologicznej A.M. w Krakowie Kierownik: prof.  
dr. W. Jakimowicz, i z Kliniki Neurochirurgicznej A.M. w  
Krakowie Kierownik: prof. dr. A. Kunicki, Krakow, Botaniczna 1.  
(BRAIN, abnorm.  
agenesis of pellucid septum (Pol))

POLTAWSKI, A.

POLTAWSKI, A. WORK and repair sheet for implements; the basic aid in planning and reporting on building implements p. 446 Vol. 28 no. 11 Nov. 1956 Warsaw Poland

SOURCE: East European Accessions List (EEAL) VOL. 6 No.4 April 1957

POLTAYEV, I. A.

SSSR/Engineering  
Publications  
Scientifics

Jun 49

"Dissertations at the All-Union Electrical Engineering Institute imeni  
Lenin," I. S. Kunits, Sovzhet Tech Sci, 1 p

"Dielectric" No 6

Annotiations on seven dissertations for degree of candidate of technical  
sciences include: S. I. Pashchenko's "High-Polymeric Compounds as  
Gas-Generating Materials," I. I. Poltayev's "Testing Arbitrary Inductive  
of a Gas Discharge," and S. A. Yamanov's "Dependence of dielectric losses  
Upon the Chemical Composition of High-Polymeric Organic Compounds."

PA 54/49795

POLTEROVICH, M.

Tanning with masked chrome salts and drying pasted leather  
(from "Leather Trades Review" no.3670, 1956). Leg.prom. 17  
no.8:55-56 Ag '57. (MIRA 10:10)  
(Tanning)

SHAPIRO, Anatoliy Yefimovich, kand. tekhn. nauk; POLYMOVICH, Meyer  
Leybovich, kand. ekonom. nauk; MUROMETS, I.I., red.; BRUDNO,  
K.F., tekhn. red.

[German-Russian dictionary for leather and shoe industry]  
Nemetsko-russkii slovar' po kozhevennoi i obuvnoi promysh-  
lennosti. Moskva, Glav. red. inostr. nauchno-tekhn. slo-  
varei Fizmatgiza, 1960. 405 p. (MIRA 14:5)  
(Leather industry--Dictionaries) (Shoe manufacture--Dictionaries)  
(German language--Dictionaries--Russian)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

POLTEROVICH, M.L.

Drying pasted leather (from "Kozarstvi" no.5, 1955, "Jalca" no.8,  
1956). Leg.prom. 17 no.4:55 Ap '57. (MIRA 10:4)  
(Leather industry)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

POLTEROVICH, M.L.

~~Emphasizing the potentialities of industrial capacity in the foot-wear industry. Leg.prom. 16 no.12:6-10 D '56. (MLRA 10:2)~~  
~~(Shoe industry)~~

POLTEV, A.I., inzh.

Errors in a device for measuring residual currents and methods of  
decreasing those errors. Izv.vys.ucheb.zav.;energ. 3 no.10;  
47-52 O '60. (MIRA 19:11)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina.  
Predstavlena kafedroy elektricheskikh apparatov.  
(Electric arc) (Electric cutouts) (Electric measurements)

ZALESSKIY, A.M., doktor tekhn.nauk; POLTEV, A.I., kand.tekhn.nauk

Use of electric insulating gases in electrical engineering.  
Vest.elektroprom. 33 no.12:10-13 D '62. (MIRA 15:12)  
(Electric insulators and insulation) (Gases)  
(Electric switchgear)

ZALESSKIY, A.M., prof.; POLTEV, A.I., kand. tekhn. nauk

Electrical strength of some gases at increased pressures.  
Elektrichestvo no.11:57-61 N '63. (MIRA 16:11)

1. Leningradskiy politekhnicheskiy institut imeni Kalinina.

POLTEV, A.I.

Device for measuring the break-arc current near its transition  
through zero. Izv. vys. ucheb. zav.; elektromekh. 1 no. 4:92-97  
'58. (MIRA 11:8)  
(Electric arc--Measurements) (Magnetrons)

POLTEV, A. I., Cand Tech Sci -- (diss) "Development of a magnetron device for the study of currents being disconnected in circuit-breakers." Leningrad, 1960. 16 pp with diagrams; (Ministry of Higher and Secondary Specialist Education RSFSR, Leningrad Electrical Engineering Inst im V. I. Ul'yanov (Lenin)); 200 copies; price not given; (KL, 52-60, 121)

L 57107-65

ACCESSION NR: AR4049252

S/0196/64/000/008/I039/I039

621.316.5.73

SOURCE: Ref. zh. Elektrotehnika i energetika, Abe. 8I225

16

AUTHOR: Moiseyev, M. B.; Poltev, A. I.

B

TITLE: Heating of current-carrying parts of gas-filled electrical equipment

CITED SOURCE: Uch. zap. aspirantov i soiskateley. Leningr. politekhn. in-t. Elektroenergetika. L., 1963, 91-94

TOPIC TAGS: gas-filled equipment, heat transfer, current carrying parts heating

TRANSLATION: In connection with the use of gas for arc-extinguishing and insulating purposes, investigations were conducted to clarify the effect of the gas fill on the thermal conditions in the electrical equipment. The experiments were staged with simulators of two principal types of equipment: a bushing insulator in which the principal heat transfer takes place in the radial direction and a circuit-breaker structural element in which the major part of the heat flow goes axially. The measurements were made with currents of 200--1050 amp, with the gas or air inside. The pressures were 0--2 atm. With the gas, the heat flow from the surface

Card 1/2

L 57107-65

ACCESSION NR: AR4049252

of a current-carrying rod increases because of a higher heat conductance of the gas and decreases because of its lower heat capacity. The overall effect is that the heat transfer is considerably higher than in the case of air-filled equipment. As a result, in the case of a purely radial heat transfer, the current may be increased by 30% at a gas pressure of 1 atm, and by 40% at 2 atm. In the case of a predominantly axial heat flow (about 65% of the total heat evolved), the current can be increased by 14% at a gas pressure of 2 atm. Five illustrations.

SUB CODE: KE

ENCL: 00

Card

2/2

8(0)

SOV/112-59-4-6900

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4, p 70 (USSR)

AUTHOR: Poltev, A. I.

Break

TITLE: Device for Measuring the Arc Current Near Its Zero

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Elektromekhanika, 1958, pp 92-97

ABSTRACT: The proposed device for measuring arc currents is highly sensitive and is not damaged by currents of tens of thousands amperes. The device uses a magnetron whose magnetic field is set up by the current being measured and whose anode has a shape that ensures a linear anode-current/magnetic-field relation over a certain portion of its characteristic. To eliminate interference from eddy currents induced in the anode, it is recommended that the anode be made of glass with a thin coating of silver or platinum on the inside. A scheme for measuring and recording residual currents is presented, and it is stated that the above device ensures undistorted recording of the phenomenon under study.

Yu.I. Ch.

Card 1/1

*Card*  
POLTEV, A. I.: Master Tech Sci (diss) --- "Development of magnetron equipment  
for investigating the processes of cutting off current in circuit breakers".  
Leningrad, 1958. 13 pp (Min Higher Educ USSR, Leningrad Polytech Inst im M. I.  
Kalinin), 150 copies (KL, No 2, 1959, 122)

POLTEV, A.I., kand. tekhn. nauk; MOISEYEV, M.B., inzh.

Heat emission from the surface of current conductors in electron  
gas. Elektrotehnika 35 no.11:32-40 N '64. (MIRA 18:6)

POLTEV, A.I., kand. tekhn. nauk

Electron gas load switches for 35 - 110 kv. potentials.  
Elektrotehnika 36 no.8:40-43 Ag '64. (MIRA 17:9)

ACC NR: AT6022763

(A)

SOURCE CODE: UR/2563/65/000/258/0071/0078

AUTHOR: Markush, G. D.; Poltev, A. I.

ORG: none

TITLE: Extinction of electric arc in sulfur hexafluoride

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 258, 1965.  
Vysokovol'tnaya izolyatsiya liniy i apparatov (High voltage insulation of lines and  
apparatus), 71-78

TOPIC TAGS: electric arc, electric arc extinction, sulfur hexafluoride, arc  
property

ABSTRACT: Preliminary experiments with arc extinction in a load-switch simulator showed that, without a blowout arrangement, the arc interruption is inefficient; at higher frequencies of the recovery voltage the arc did not break at all. It was further found that the efficiency of arc extinction (arc time) depends on the pressure (1-5 atm, 600 amp; recovery voltage, 5 kv); this was confirmed by some experiments at 110 kv (0.5-2 atm, 150-250 amp; arc time, 1.25-3.25 half-cycles). In the next series of experiments, a magnetic arc interrupter was used: the arc was

Card 1/2

Card 2/2

POLTEV, K.; POLTEV, M.

More attention to drivers' training. Avt. transp. 43 no.8:39-40  
Ag '65. (MIRA 18:9)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

POLTEV, K., kandidat tekhnicheskikh nauk; Nikitin, A.

~~Operation of snow melters in backyards. Zhil.-kom. khoz. 7 no.1:~~  
9-11 '57. (MLRA 10:4)  
(Snow--Removal)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

POLTEV, K.

KROKHOTIN, I.; POLTEV, K.

Experimental investigation of drivers' reaction time. Avt.transp.  
35 no.1:17-18 Ja '57. (MLRA 10:3)  
(Automobile drivers)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

POLTEV, K., DEMISOV, V.

Automatic sweeper. Zhil-kom.khoz. 6 no.5:30 '56. (MIRA)  
(Great Britain--Street cleaning machinery)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

FOLTEV, K.; KARABAN, G.

Refuse and Refusal Disposal

New method for garbage disposal. Zhil.-kom. khoz., 2, No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1957, 2Uncl.

POLTEV, Konstantin Mikhaylovich; POLTEV, Mikhail Konstantinovich;  
YARTSEV, N., red.; KUZNETSOVA, A., tekhn. red.

[Driver's manual on traffic rules and safety] Voditeliu o  
pravilakh i bezopasnosti dvizheniya avtotransporta. Moskva,  
Mosk. rabochii, 1963. 191 p. (MIRA 16:4)  
(Traffic regulations)

*ПЕЛТЕВ, Константин, Константиносович*

ZASOV, Ivan Alekseyevich; KARABAN, Georgiy L'vovich; POTEV, Konstantin Mikhaylovich; PIKOVSKIY, Ya.M., dots., kand. tekhn. nauk, red.; SHISTAK, G.M., red.; SOKOL'SKIY, I.J., red. izd-va; VOLKOV, S.B., tekhn. red.

[Special vehicles for municipal service; atlas of models] Spetsial'-nye avtomobili gorodskogo khoziaistva; atlas konstruktsii. Pod obshchey red. IA.M. Pikovskogo. Moskva, Izd-vo M-va kommun. khoz. RSPFR, 1957. 206 p. (MIRA 11:10)  
(Street cleaning machinery) (Motortrucks)

POLTEV, Konstantin Mikhaylovich; POLTEV, Mikhail Konstantinovich;  
VLADIMIROV, V.A., red.; BODANOVA, A.P., tekhn. red.

[News of foreign traffic safety engineering] Novosti zarubezhnoi  
tekhniki po bezopasnosti dvizheniya avtotransporta. Moskva,  
Avtotransizdat, 1962. 95 p. (MIRA 15:12)  
(Traffic safety)

POLTEV, Konstantin Mikhaylovich; PETROVSKAYA, Ye.K., red.; MANINA, M.P.,  
tekhn.red.

[Operating an automobile; a manual for beginning drivers]  
Upravlenie avtomobilem; v pomoshch nachinaiushchim avtomobilistam. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1958. 95 p.  
(Automobile drivers) (MIRA 12:1)

POLTEV, Konstantin Mikhaylovich, kandidat tekhnicheskikh nauk; MANUYLOV,  
Tury Grigor'yevich, inzhener; SHINKEVICH, N.A., redaktor;  
AVRUSHCHEHKO, P.A., redaktor izdatel'stva; KONYASHINA, A.D.,  
tekhnicheskiy redaktor

[New machinery for the care of city streets] Novye mashiny v  
gorodskom dorozhnom khoziaistve. Moskva, Izd-vo M-va kommun.  
khoziaistva RSFSR, 1957. 88 p. (MLRA 10:7)  
(Road machinery)

POLTEV, K.M.; DEYEV, V.F.

Improving pressing in laundries. Gor. khoz. Mosk. 30 no.9;  
36-37 S '56. (MIRA 9:12)

1. Rukovoditel' sektora mekhanizatsii Akademii kommunal'nego  
khozyaystva (for Poltev) 2. Direktor fabriki-prachechnoy no.3  
(for Deyev).

(Laundry)

POLTEV, K. M.

POLTEV, K. M.-- "Investigation of the Operation of an Apartment Garbage-Crusher (Disposal Unit)." Sub 2 Jul 52, Acad of Municipal Economy imeni K. D. Pamfilev. (Dissertation for the Degree of Candidate in Technical Sciences)

DO: Vechernaya Moskva, January-December 1952

POLTEV, K.M.; LITVINOV, V.G.

Motortruck with changeable equipment for road work. Avt.dor. 20  
no.3:31 Mr '57. (MLRA 10:5)  
(Germany, East--Road machinery)

ZASOV, I.A., kandidat tekhnicheskikh nauk; POLTEV, K.M., kandidat tekhnicheskikh nauk; PIKOVSKIY, Ya.M., kandidat tekhnicheskikh nauk, dotsent, redaktor; SOKOL'SKIY, I.P., redaktor; PETROVSKAYA, Ye.S., tekhnicheskiy redaktor.

[Machines and apparatus for municipal services; manual] Mashiny i mekhanizmy dlia gorodskogo khoziaistva; spravochnik. Isd. 2-eo, perer. i dop. Pod obshchei red. IA. M. Pikovskogo. Moskva, Isd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 696 p.  
(Municipal services) (MLRA 8:12)  
(Municipal engineering)

KARABAN, G.L., kandidat tekhnicheskikh nauk; POLTEV K.M., kandidat tekhnicheskikh nauk; SOKOL'SKIY, I.F., redaktor; PETROVSKAYA, Ye. S., tekhnicheskiy redaktor.

[Machinery for snow removal] Snegouborochnye mashiny. Moskva,  
Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 133 p.  
(Snow--Removal) (MLRA 8:11)  
(Street-cleaning machinery)

POLTEV, K. M.

N/5  
754.5

Mashiny i mekhanizmy dlya gorodskogo khozyaystva; spravochnik (Machines and mechanisms for city upkeep; manual, by) I. A. Zasov i K. M. Poltev. 2. Izd., Perer. I dop. Moskva, Izd-vo ministerstva komunal'nogo khozyaystva RSFSR, 1955. .23  
686 p. illus., diagrs., tables.

POLTEV, F. N.

Technology

Mastery of automobile driving Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1951.

Monthly List of Russian Accessions, Library of Congress, August 1952 UNCLASSIFIED.

POLTEV, Konstantin Mikhaylovich; SOLOV'YEV, G.M., red.; GALAKTIONOVA,  
Ie.N., tekhn.red.

[Manual of traffic regulations for automotivè transportation]  
Posobie po pravilam dvizheniia avtotransporta. Izd.3., perer.  
Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i  
shosseinykh dorog RSFSR, 1959. 135 p. (MIRA 13:10)  
(Traffic regulations)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

POLTEV, K.; POLTEV, M.

More attention to drivers' training. Avt. transp. 43 no. 2:39-40  
Ag '65. (MIRA 18:9)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

POLTEV, M., inzh.

Traffic organization and safety. Avt.transp. 41 no.11:47-50 N  
'63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

KLINKOVSHTEYN, G.I., kand. tekhn. nauk.; AKSENOV, V.A., inzh.;  
SARKIS'YANTS, E.G., inzh.; SHUMOV, A.V., inzh.;  
MANUSADZHYANTS, Zh.G., inzh.; TROSHINA, M.Ya., inzh.;  
STETSYUK, L.S., inzh.; PARSHIN, M.A., inzh.; KARPINSKAYA,  
I.M., inzh.; FAL'KEVICH, B.S., doktor tekhn. nauk;  
ILARIONOV, V.A., kand. tekhn. nauk; POLTEV, M.K., inzh.;  
KOGAN, E.I., inzh.; CHIGARKO, G.T., inzh.; KONONOVA, V.S.,  
red.

[Traffic safety and safety measures in automotive transporta-  
tion] Bezopasn. st' dvizheniya i tekhnika bezopasnosti na av-  
tomobil'nom transporte. Moskva, Transport, 1964. 74 p.  
(MIRA 18:1)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut avto-  
mobil'nogo transporta. 2. Moskovskiy avtomekhanicheskiy  
institut (for Fal'kevich). 3. Moskovskiy avtomobil'no-  
dorozhnyy institut imeni Molotova (for Ilarionov). 4. Vse-  
soyuznyy zaochnyy politekhnicheskiy institut (for Poltev).

POLTEV, Konstantin Mikhaylovich; POLTEV, Mikhail Konstantinovich;  
VLADIMIROV, V.A., red.; BODANOVA, A.P., tekhn. red.

[News of foreign traffic safety engineering] Novosti zarubezhnoi  
tekhniki po bezopasnosti dvizheniya avtotransporta. Moskva,  
Avtotransizdat, 1962. 95 p. (MIRA 15:12)  
(Traffic safety)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

POLTEV, M.P.

Construction on saline soil. Osn., fund. i mekh. grun.  
7 no.5:26-27 '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

POLTEV, M.P.

26-58-4-3/45

AUTHOR: Poltev, M.P., Candidate of Geological and Mineralogical Sciences (Moscow)

TITLE: Zonality in Geological and Hydrogeological Engineering (Zonal'nost' v inzhenernoy geologii i hidrogeologii)

PERIODICAL: Priroda, 1958, Nr 4, pp 21-28 (USSR)

ABSTRACT: Along with the rapid industrial development in the USSR, a thorough investigation of foundation ground has been conducted. However, this work was mostly done individually for industrial plants, power stations, roads, etc; but a systematic survey of the soil conditions over the entire Soviet Union does not exist. A map specifying the soil conditions in each region would be of immense value not only for training young geological engineers but also to stimulate further research. A scientific basis exists already in the new geological map of the USSR prepared by Academician D.V. Nalivkin. Another map of importance was compiled by I.V. Ototskiy and V.S. Il'in, covering the European part of the USSR in regard to the distribution of subsurface water. Standard works on the firmness of thawed and congealed ground have been published by N.M. Gersevanov

Card 1/2

26-58-4-3/45

Zonality in Geological and Hydrogeological Engineering

and N.A. Tsytovich. A summary of the facts on ground water problems is contained in Professor A.N. Semikhatalov's work "Subsurface Waters of the USSR", published in 1934, of which only the first part, dealing with European Russia, exists. An important branch of geological engineering treats the problem of fortifying unstable and loose ground for construction purposes. Scientists such as B.A. Rzhanitsyn and V.A. Askalonov, V.M. Bezruk, S.S. Morozov and V.G. Samoylov have developed various methods for stabilizing the soil.

There are 8 photos.

AVAILABLE: Library of Congress

Card 2/2      1. Hydrology-USSR    2. Soils-Analysis-USSR    3. Geology-USSR

POLTEV, M. P.

USSR/Engineering - Earthworks

Card 1/1 : Pub. 86 - 16/40

Authors : Poltev, M. P.

Title : The adaptability of loess soils to construction work

Periodical : Priroda 43/4, 85-89, Apr 1954

Abstract : An account is given of studies made with loess soils with a view to using it for earth constructions such as dams. It was found that when soaked with water loess filling has a tendency to sag, necessitating correctional measures on the part of engineers. Purely scientific researches are also dealt with tracing the origin of loess to ash material. A general description is given of the appearance and chemical composition of loess.

Institution : .....

Submitted : .....

POLTEV, M.V. (Moscow)

Building properties of loess-like earth. Priroda 43 no.4:85-89 Ap '54.  
(MLRA 7:4)

(Building materials) (Loess)

POLTEV, Konstantin Mikhaylovich; POLTEV, Mikhail Konstantinovich;  
YARTSEV, N., red.; KUZNETSOVA, A., tekhn. red.

[Driver's manual on traffic rules and safety] Voditel'nye  
pravilakh i bezopasnosti dvizheniya avtotransporta. Moskva,  
Mosk. rabochii, 1963. 191 p.  
(Traffic regulations) (MIRA 16:4)

POLTEV, N.F.

Granulometric and microaggregative composition of the soils  
of the seasonally thawing layer and their running quality.  
Merzl. issl. no.3:289-306 '63. (MIRA 17:6)

MOROZOV, S.S.; POLTEV, N.P.; SAMOYLOV, V.G.

Achieving water impermeability in soils of water basins by  
disturbing their structure with subsequent compression. Uch.  
zap. Mosk.un. no.177:139-170 '56. (MLRA 10:5)  
(Permeability) (Soil mechanics)

POLTEV, N. F.

Soil Absorption

Field experimental computation of coefficient of soil filtration by a device which allows the generation of pressure corresponding to the pressure of water in reservoirs.  
Vest. Mosk. un. 7 no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1956. Unclassified. <sup>2</sup>

~~DOLTOV~~, Nikolay Fedorovich; KUDRYAVTSEV, V.A., prof., red.;  
LOPATINA, L.I., red.; CHISTYAKOVA, K.S., tekhn. red.

[Principles of the surveying of frozen ground (selected  
chapters)] Osnovy merslotnoi s"emki (izbrannye glavy). Pod  
red. V.A.Kudriavtseva. Moskva, Izd-vo Mosk. univ., 1963.  
98 p. (MIRA 16:10)

(Frozen ground) (Surveying)

SUKHORUKOV, V.; POLTEV, V.; ELYUMENFELD, L.A.

"Transfer of protons between bases of DNA."

Report presented at the Symposium for Physical Chemistry of Biogenic Macromolecules, Jena, GDR, 18-21 Sep 63.

POLTEV, V. I.: (Professor, Doctor of Veterinary Sciences)

Neutralization of water, contaminated with Bac. anthracis, with chlorine, Veterinariya,  
4-5, 1945

Department of Microbiology

V.I. Poltev, Professor, Doctor of Veterinary Sciences - Head of the Department

SO: Collection of Scientific Works, Leningrad Inst. for Advancement of Veterinarians, Ministry of Agriculture USSR. State Agricultural Publishing House, 1950.

POLTEV, V. I.

PA 5T4

USSR/Medical Science - Immunology

Feb 1947

"Phylogenesis and Ontogenesis of Fundamental Immuno-  
logical Factors," V. I. Poltev, 8 pp

"Uspek Sovremen Biolog" Vol XXIII, No 2

Review and general discussion of what has been done  
in this field by all researchers, with full-page  
bibliography. Concludes that the study of the immuno-  
biological activity of the animal organism at an early  
age is of particular importance.

5T4

POLTEV, V. I.

POLTEV, V. I. (Professor) Regarding the fight against diseases of bees.

So: Veterinariya; 24; 12; December 1947; Uncl.

TABCON

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5

Poltov, V. I.

Poltev, V. I.; Bee Diseases. Leningrad: Govt. Pub.  
1955. 816 p. Reviewed in *Bee World* 36, 19(1956).

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001341910007-5"

POLTEV, V. I., Prof.

Bees - Diseases - Maritime Territory

Effect of nosematosis and amebiasis on the productivity of bee colonies in the  
Maritime Territory. Pchelovodstvo 30, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

POITEV, V. I.

USSR/Biology - Apiculture

Card 1/1 : Pub. 77, 7/26

Authors : Poltev, V. I., Dr. of Veterinary Sci., Prof.

Title : Diseases of bees

Periodical : Nauka i zhizn' 21/7, 13 - 14, July 1954

Abstract : The progress of apiculture, in general, in the Soviet Union is dealt with and some facts from the biology of the bee, are presented. The efforts to combat disease in bees are recounted and a description is given of the most common one, the European rot, along with measures that can be taken to eliminate it. Illustrations.

Institution : ...

Submitted : ...

PoITEV - V.I.

The curative effect of sulfonamides derivatives, annuinics and phytocides on bees infected with European foulbrood. V. I. Poitev, Leningrad, Inst. Usovershenst. Vet. Vrachel., Sbornik Nauch. Trudov 10, 75-86 (1955). — Poitev studied the effect of many componds directly on pure cultures of *Bacillus pluton*, repulsiveness and toxicity of their solns. and the curative effect on bees infected with *B. pluton*. The best (95-100%) curative results were given by: sulfathiazole, sulfanilic and sulchnide in concn. 0.1%. Among phytocides equally good were 0.05% autoclaved soln. of burnet and penicillin. A. V. Tolstooukhov

POLTEV VI  
BENEDIKTOV, I.A., redaktor; GRITSENKO, A.V., redaktor; IL'IN, M.A., zamestniel' glavnogo redaktora, LAPTEV, I.D., LISKUN, Ye.F.; LOBANOV, P.P.; glavnyy redaktor; LYSENKO, T.D.; SKRYABIN, K.I.; STOLNIKOV, V.N.; PAVLOV, G.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SOKOLOV, N.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHESTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHCHEGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMELOV, S.P., professor, doktor biologicheskiy nauk, nauchnyy redaktor; EDELSHTEYN, V.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHCHERBACHEV, D.M., professor, doktor medinauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'skotsinskikh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, khozyaystvennykh nauk, nauchnyy redaktor [deceased], nauchnyy redaktor; YAKIMOV, V.P., agronom, nauchnyy redaktor; EYTINGEN, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; TIMOFEEV, N.N., professor, nauchnyy redaktor; TUROV, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITT, V.O., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ, V.L., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor.

(Continued on next card)

BENEDIKTOV, I.A.--- (continued) Card 2.  
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SMETNEV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauch-  
nyy redaktor; POPOV, I.S., professor, doktor sel'skokhozyaystvennykh  
nauk, nauchnyy redaktor; MANTHEYFEL', P.A., professor nauchnyy redaktor;  
NIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor;  
ANFIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor,  
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K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor;  
KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy re-  
daktor; ANTIFIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy  
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nauchnyy redaktor [deceased]; FLEGMATOV, N.A., professor, doktor ve-  
ternarnykh nauk, nauchnyy redaktor; BOLTINSKIY, V.N., professor,  
doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL'YAMS, Vl.P., profes-  
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(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 3.

YEVREINOV, M.G., akademik, nauchnyy redaktor; SAZONOV, N.A., doktor tekhnicheskikh nauk, nauchnyy redaktor; NIKANDROV, B.I., inzhener, nauchnyy redaktor; KOSTYAKOV, A.N., akademik, nauchnyy redaktor; CHERKASOV, A.A., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; DAVITAYA, F.F., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; IVANOV, N.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; ORLOV, P.M., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; LOZA, G.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor; CHERNOV, A.V., kontrol'nyy redaktor; ZAVARSKIY, A.I., redaktor; ROS-SOSHANSKAYA, V.A., redaktor; FILATOVA, N.I., redaktor; YEMEL'YANOVA, N.I., redaktor; SILIN, V.S., redaktor BRANZBURG, A.Yu., redaktor; MAGNITSKIY, A.V., redaktor terminov; KUDRYAVTSEVA, A.G., redaktor terminov; AKSENOVA, A.P., mladshiy redaktor; MALYAVSKAYA, O.A., mladshiy redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 4.

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsiklopedia.  
Izd.3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol.5. [T-IA.]  
1956. 663 p. (MIRA 9:9)  
(Agriculture--Dictionaries and encyclopedias)

POLTEV, V.I., redaktor; PAVEL'YEVA, M.S., redaktor

[Infectious and protozoic diseases of useful and injurious insects]  
Ifektsionnye i protosoinye bolezni poleznykh i vrednykh nasekomykh.  
Moskva, Gos.izd-vo selkhoz. lit-ry, 1956. 454 p. (MLRA 10:9)  
(Insects--Diseases and pests)

POLTEV, V.I.

Q-8

USSR/Farm Animals - Honey Bees.

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2680

Author : V.I. Poltev

Inst :  
Title : A Search for a Remedy Against Nosematosis.

Orig Pub : Pchelovodstvo, 1957, No 4, 44-47

Abstract : Laboratory tests were made on 34 compounds to be used against nosematosis, at the Leningrad Institute for the advance training of Veterinary physicians. The preliminary findings were as follows: control bees, which had received a concentration of 0.01% of sulfantrol added to the sugar syrup lived by 42% longer than the control bees. Bees which had received penicillin lived by 30% longer, and bees which had received prodigiozin lived by 54% longer than the control bees. Drugs which obviously caused the nosema spores to either disappear completely, or produced a marked decrease of the spore, a decrease

Card 1/2

USSR / Farm Animals. Honeybee.

Q-5

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54862.

Author : Poltev, V. I.

Inst : Not given.

Title : Combatting Nosematosis and Thermoregulation in  
the Bee Nidus.

Orig Pub: Pchelovodstvo, 1957, No 10, 42-45.

Abstract: It was found that nosematosis develops most rapidly at the temperature of 30 to 31°C. Temperatures below 13°C and above 37°C are unfavorable for the development of Nosema. To combat Nosematosis, the author recommends to reduce drastically, for a wintering family, the transition period from a low to a high temperature. This can be achieved by a prolongation of the wintering of bees through the retardation of the

Card 1/2

USSR / Farm Animals. The Honeybee.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7412

Author : Poltov, V. I.

Inst : Not given

Title : Food Poisoning of Bees and Its Discernation

Orig Pub : Pchelovodstvo, 1958, No 4, 36-39

Abstract : For the easiest diagnosis of chemical toxicosis as well as toxicoses based on pollination, nectar and carrion, some symptoms characteristic for each toxicosis are described.

Card 1/1

POLTEV, V. I. (Professor)

"International Conference of the Socialist Countries on Apiculture and Bee Diseases".

Veterinariya, Vol. 38, No. 2, 1961, p. 92.

POLTEV, Vasiliy Ivanovich, prof.; PEROV, Aleksandr Andreyevich;  
DANILEVSKAYA, O.N., red.; GAVRILOV, I.S., red.; SHERMUSHENKO,  
T.A., tekhn.red.

[High honey yields] Vysokie medosbory. Leningrad, Lenizdat,  
1961. 60 p. (MIRA 14:6)

1. Predsedatel' sektsii pchelovodstva Leningradskogo otdeleniya  
Obshchestva okhrany prirody (for Perov).  
(Bee culture)

POLTEV, V.I.; GRITSENKO, I.N.

Production of virulent bacteria for controlling the water vole  
(Arvicola terrestris L.) Izv.Sib.otd.AN SSSR no.6:99-105 '61.  
(MIRA 14:6)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.  
(Water voles) (Erysipeloid)